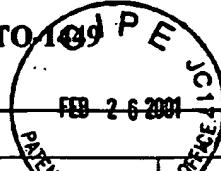
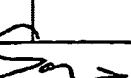


INFORMATION DISCLOSURE CITATION  FEB 26 2001 PATENT & TRADEMARK OFFICE U.S. DEPARTMENT OF COMMERCE		ATTY. DOCKET NO. 21200-711		SERIAL NO. 09/684,742		
		APPLICANT GELVIN, David C. et al.				
		FILING DATE 10/4/2000		GROUP 2661		
U.S. PATENT DOCUMENTS						
EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
<i>[Signature]</i>	4,406,016	9/20/83	Abrams et al.	455	19	11/27/81
<i>[Signature]</i>	6,078,269	6/20/00	Markwell et al.	340	825.5	11/10/97
1C 2600 MAIL ROOM MAR 1 2001 RECEIVED						
FOREIGN PATENT DOCUMENTS						
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)						
EXAMINER 			DATE CONSIDERED <i>5/20/04</i>			

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

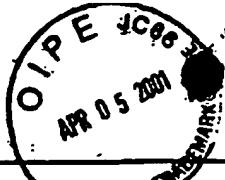


SHEET 1 OF 2

INFORMATION DISCLOSURE CITATION PTO-1449		ATTY. DOCKET NO. 21200-711		SERIAL NO. RECEIVED 09/684,742 APR 09 2001			
		APPLICANT David C. Gelvin, et al.		Technology Center 2600			
		FILING DATE October 4, 2000		GROUP 2661 RECEIVED APP 10 2001			
U.S. PATENT DOCUMENTS							
EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILED DATE	
	5,732,074	3/24/98	Spaur, et al.	370	313	1/16/96	
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
	S. Natkunanathan, et al., "A Signal Search Engine for Wireless Integrated Network Sensors", ASFL Annual Symposium, March 2000, pgs. 1-4						
	Michael J. Dong, et al., "Low Power Signal Processing Architectures for Network Microsensors", 1997 International Symposium on Low Power Electronics and Design; Digest of Technical Papers (1997) pgs. 173-177.						
	Tsung-Hsien Lin, et al., "CMOS Front End Components for Micropower RF Wireless Systems", Proceedings of the 1998 International Symposium on Low Power Electronics & Design, pp. 11-15, August 1998						
	G. Asada, et al., "Wireless Integrated Network Sensors: Low Power Systems on a Chip", Proceedings of the 1998 European Solid State Circuits Conference (ESSCIRC), pp. 1-8 The Hague, The Netherlands, September 22-24, 1998.						
	Gregory J. Pottie, R&D Quarterly and Annual Status Report for AWAIRS, pp. 1-28; January 1, 1999-April 31, 1999						
	Gregory J. Pottie, et al., "Wireless Integrated Network Sensors: Towards Low Cost and Robust Self-Organizing Security Networks, SPIE Conference on Sensors, C31, Information and Training Tech. for Law Enforcement, Boston, MA.; pp. 1-10; November 3-5, 1998						
EXAMINER	DATE CONSIDERED					5/20/01	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

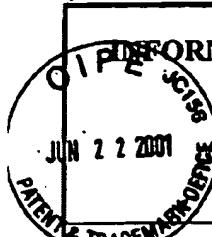
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SHEET 2 OF 2

INFORMATION DISCLOSURE CITATION PTO-1449		ATTY. DOCKET NO. 21200-711		SERIAL NO. 09/684,742			
		APPLICANT David C. Gelvin, et al.		RECEIVED APR 09 2001 Technology Center 2600			
		FILING DATE October 4, 2000		GROUP 2661			
U.S. PATENT DOCUMENTS							
EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS		
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
<i>CL</i>	Loren P. Clare, et al., "Self-Organizing Distributed Sensor Networks", SPIE 13 th . Annual Symposium on Aerosense/Defense Sensing, Simulation and Controls, UGS Technologies and Applications Conference, Orlando, Florida; pp. 1-9; April 5-9, 1999.						
	J. Agre, et al., "Autoconfigurable Distributed Control Systems", Proceedings of the 2 nd . International Symposium on Autonomous Decentralized Systems (ISADS 95), Phoenix, Arizona; pp. 1-8; April 25-27, 1995						
<i>JA</i>	Jonathan R. Agre, et al., "Development Platform for Self-Organizing Wireless Sensor Networks", SPIE 13 th . Annual Symposium on Aerosense/Defense Sensing, Simulation and Controls, Unattended Ground Sensor Technologies and Applications Conference, Orlando, Florida; pp. 1-12; April 5-9, 1999.						
EXAMINER <i>Smith, J.</i>	DATE CONSIDERED <i>3/20/01</i>						

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	ATTY. DOCKET NO.	SERIAL NO.
	21200-711	09/684,742
	APPLICANT David C. Gelvin, et al.	
FILING DATE 10/4/2000	GROUP 2661	

U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
✓	6,208,247	3/27/2001	Agre, et al.	340	539	8/18/98
✓	4,520,674	6/4/85	Canada, et al.	73	660	11/14/83
✓	4,649,524	3/10/87	Vance	367	13	8/22/83
✓	4,812,820	3/14/89	Chatwin	340	518	7/23/86
✓	4,855,713	8/8/89	Brunius	340	506	10/7/88
✓	4,951,029	8/21/90	Severson	340	506	2/16/88
✓	5,241,542	8/31/93	Natarajan, et al.	370	95.3	8/23/91
✓	5,247,564	9/21/93	Zicker	379	40	10/24/90
✓	5,295,154	3/15/94	Meier, et al.	375	1	5/3/93
✓	5,428,636	6/27/95	Meier	375	202	5/7/93
✓	5,475,687	12/12/95	Markkula, Jr., et al.	370	85.1	7/27/93
✓	5,553,076	9/3/96	Behtash, et al.	370	95.3	5/2/94
✓	5,659,195	8/19/97	Kaiser, et al.	257	415	6/8/95

FOREIGN PATENT DOCUMENTS

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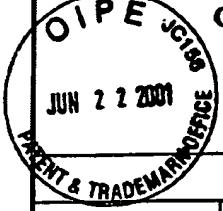
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Ann Bhatnagar, et al., "Layer Net: A New Self-Organizing Network Protocol"; 1990 IEEE Military Communications Conference, Monterey, CA., September 30 thru October 3; pgs. 845-849.	
	Norman Abramson, "The Throughput of Packet Broadcasting Channels", IEEE Transactions on Communications, Vol. Com-25, No. 1, January 1977, pgs. 117-128.	
	C. David Young, "USAP: A Unifying Dynamic Distributed Multichannel TDMA Slot Assignment Protocol", Milcom 96 Conference Proceedings, October 22-24, 1996, pgs. 235-239.	
	G. Asada, et al. "Low Power Wireless Communication and Signal Processing Circuits for Distributed Microsensors", Proceedings of 1997 IEEE International Symposium on Circuits and Systems; June 9-12, 1997, Hong Kong, pgs. 2817-2820.	
	K. Bult, et al. "Low Power Systems for Wireless Microsensors", 1996 International Symposium on Low Power Electronics and Design; pgs. 17-21.	

EXAMINER 	DATE CONSIDERED 
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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INFORMATION DISCLOSURE CITATION  PTO-1449	ATTY. DOCKET NO.	SERIAL NO.
	21200-711	09/684,742
	APPLICANT David C. Gelvin, et al.	JUN 26 2001
FILING DATE 10/4/2000	GROUP Technology Center 2600	

U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	5,726,911	3/10/98	Canada, et al.	364	550	8/22/96
	5,852,351	12/22/98	Canada, et al.	318	490	8/20/97
	5,854,994	12/29/98	Canada, et al.	702	56	8/23/96
	5,907,491	5/25/99	Canada, et al.	364	468.15	4/4/97

FOREIGN PATENT DOCUMENTS

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						YES	NO
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Anthony Ephremides, et al. "A Design Concept for Reliable Mobile Radio Networks with Frequency Hopping Signaling"; Proceedings of the IEEE, Vol. 75, No.1, January 1987; pgs. 56-73
	K. Bult, et al., "Wireless Integrated Microsensors"; Solid-State Sensor and Actuator Workshop, Hilton Head South Carolina, June 3-6, 1996, pgs. 205-210.
	C. David Young, "A Unifying Dynamic Distributed Multichannel TDMA Slot Assignment Protocol", Rockwell International Working Paper, October 25, 1995, pgs. 1-29.
	Tsung-Hsien Lin, et al, "Wireless Integrated Network Sensors (WINS) for Tactical Information Systems", Rockwell Science Center, Thousand Oaks, January 1998, pgs. 1-6.
	Michael J. Dong, et al. "Low Power Signal Processing Architectures for Network Microsensors"; University of California, Los Angeles, ISLPED 97, International Symposium on Low Power Electronics and Design, January 1998, pgs. 1-5.
EXAMINER <i>Sam Z.</i>	DATE CONSIDERED 5/20/04

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INFORMATION DISCLOSURE CITATION

 Form PTO-1449 (Modified)
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 ATTY. DOCKET NO.
 37302.8011

 SERIAL NO.
 09/684,742

APPLICANT
Gelvin, et al.

 FILING DATE
 October 4, 2000

 GROUP
 2661

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
1	5,745,759	04/28/98	Hayden and Burgener			
1	5,737,529	04/07/98	Dolin, Jr., et al.			
1	5,794,164	08/11/98	Beckert, et al.			
X	6,009,363	12/28/99	Beckert, et al.			RECEIVED
4	6,028,537	02/22/00	Suman, et al.			DEC 06 2001
4	6,144,905	11/07/00	Gannon			Technology Center 2600
4	6,145,082	11/07/00	Gannon, et al.			
4	6,175,789	01/16/01	Beckert, et al.			
4	6,181,994	01/30/01	Colson and Alewine			RECEIVED
4	6,185,491	02/06/01	Gray and Chu			DEC 10 2001
4	6,202,008	03/13/01	Beckert, et al.			Group 2100
4	6,246,935	06/12/01	Buckley			

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1	0814393	12/29/97	Europe			
1	19743137	04/01/99	Germany			
1	9917477	04/08/99	PCT			
1	2,245,963	2/26/00	Canada			
1	0054237	09/14/00	PCT			

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1	Asada, G., et al., "Wireless Integrated Network Sensors (WINS)" PROCEEDINGS OF THE SPIE, SPIE, Bellingham, VA 3673:11-18 (1999).
1	Lohle, H., et al., "Bordermaster 2000- An Advanced Border Surveillance System", ELECTRICAL COMMUNICATION, Alcatel, Brussels, BE 153-158 (1994).

EXAMINER	DATE CONSIDERED
	3/26/04

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

PTO-1449 (Modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT	ATTY. DOCKET NO. SENS.P011	APPLICATION NUMBER 09/684,742
	APPLICANT Gelvin, et al.	
	FILING DATE October 4, 2000	GROUP ART UNIT 2661

U.S. PATENT DOCUMENTS

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JAN 10 2003

FOREIGN PATENT DOCUMENTS

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X	K. Sohrabi, J. Gao, V. Ailawadhi, G. Pottie, "A Self-Organizing Wireless Sensor Network," Proc. 37 th Allerton Conf. On Comm., Control, and Computing, Monticello, IL, Sept. 1999.
X	D.J. Baker and A. Ephremides, "The Architectural Organization of a Mobile Radio Network via a Distributed Algorithm," IEEE Transactions on Communications, Vol. Com-29, No. 11, Nov. 1981, pp. 1694-1701.
X	J. Elson, L. Girod, and D. Estrin, "Fine-Grained Network Time Synchronization Using Reference Broadcasts," submitted to SIGCOMM 2002.
X	W. Merrill, K. Sohrabi, L. Girod, J. Elson, F. Newberg, and W. Kaiser, "Open Standard Development Platforms for Distributed Sensor Networks," Aerosense Conference, Orlando, FL, April 2002.
X	M. Gerla and J. Tzu-Chieh Tsai, "Multichuster, Mobile, Multimedia Radio Network," ACM-Baltzer Journal of Wireless Networks, Vol. 1, No. 3, pp.255-265, 1995.
X	C. R. Lin and M. Gerla, "Adaptive Clustering for Mobile Wireless Networks."
X	
X	



5/20/04



ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18
Stylesheet Version v18.0

Title of Invention	Method for internetworked hybrid wireless integrated network sensors (WINS)
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Application Number: 09/684742 

Confirmation Number: 1719

First Named Applicant: David Gelvin

Attorney Docket Number: SENS.P011

Art Unit: 2661

Search string: (5760530).pn.

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DEC 15 2003

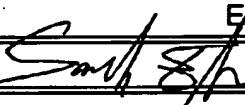
Technology Center 2100

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
	1	5760530	1998-06-02	Kolesar			

Signature

Examiner Name	Date
	5/26/04